

## Second Set of Questions for the GOES-R BAA July 31, 2003

1. In the BAA on the third page it reads, "This capability demonstration must include a description of the Respondent's past experience in developing GOES systems or similar/like systems, identifying the contract, a current reference person and phone number, and the Respondent's role in the performance of said contract(s)." Is a "current reference person" someone from the Respondent's company or from the customer?

The reference person is a technical/program person from the customer's organization that participated in the referenced project and has direct knowledge of the Respondent's company's performance.

2. The BAA TD in Section 1.0, last sentence, states that the period of performance for Tier One is up to a maximum of one (1) year, with a potential Tier Two option not to exceed 6 months. Does this mean we could propose a study of less than 12 months for Tier One and less than 6 months for Tier Two? Would a shorter duration study be viewed favorably? Or should the periods of performance be 1 year and 6 months consistent with the schedules of 2.11?

Be consistent with the 12 months and 6 months noted in Table 2.11 of the Technical Description. The Government requires time to evaluate results and review options.

3. The TD in Section 2.6, bullet 3.b, states "Detail feasible architectures that will advance R&D studies, or enhance NOAA's mission capabilities or its interests in the GOES-R System." Do the words "R&D studies" refer to weather or environmentally related R&D or to something else? Please clarify and/or provide examples of what R&D studies mean.

The "R&D" studies are the research studies that are outlined in task areas 1, 2, 3, and 4 or alternatives that will meet the Trade Studies in Table 1, Research Areas. To maximize and streamline data access to the users, research should evaluate Architectural opportunities that configure the system in different ways from the heritage configurations.

4. Section 2.1 page 3 of the TD a reference to NOSA states more info can be found on the web site cited in 2.7. Similarly, in the second to last paragraph of 2.2 of the TD, NOSA and the Global Communications Systems are referenced. Neither is identified as a reference or background document or found on the web site. When will they be posted?

Please see our Response #13 from Friday, 25 July 2003.

5. The TD in section 2.4, Table 1 the terms "Distributed" and "Other" are used to distinguish architecture types. Based upon page 11 of the TD that has "Government Notional Baseline Architecture (Distributed)", should distributed be read as government baseline described in the MRD sec 2.3.1.2?

Please see our Response #11 from Friday, 25 July 2003

6. As of submittal of this question, several reference documents called out in Section 2.7 were not available at the NOAA/GOES-R Architecture Study web site. They include the GPRD, GL-C3S, and all of the background documents. When will they be posted?

The PRD is for informational purpose only and still under review and will not be available until fall 2003. The MRD is the primary performance and functional document for purposes of this study. The GL-C<sup>3</sup>S IRD document is referenced on the Web page.

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However, due to ITAR sensitivity the Respondent must request a copy from the Email address on the Web page.

7. Reference: PRD sections 3.7.6 and 3.7.7 (National Marine Sanctuaries Telepresence Requirements, OMAO Ship and Aircraft Requirements). Are there existing Interface Requirement Documents or other sources of communications link parameters for these services? If not, can some details (i.e. existing or expected frequency allocations, polarizations, ground and end user link parameters) be provided?

No. The PRD is for informational purpose only and still under review. This study effort does not include budget or time to provide linkage between the PRD and other communications services. The MRD is the primary performance and functional document for the purposes of this study.

8. The GOES-R Technical Description (TD) 2.7 states the following IRDs available: Spacecraft Communications IRDs (GL-C3S, GRB, LRIT, SAR, EMWIN, DCS). No IRD has been provided for GL-C3S; will this be made available?

The document is referenced on the Web page. However, due to ITAR sensitivity the Respondent must request a copy from the Email address on the Web page.

9. TD 4.0 states: "Address the proposed frequency spectrum in terms of operating frequencies and bandwidth recommendations, and any limitations. Verify these recommendations are encompassed in the NOAA's submitted application with National Telecommunications Information Administration (NTIA). The application is available on the GOES-R Architecture Study web site." Is this meant to preclude the Respondent from proposing to study other frequencies that may be coordinated, alternate orbital locations, or alternate orbits that may support GOES-R goals?

The Government intends the Respondent to address the proposed frequencies, but does not restrict any Respondent from studying opportunities using alternate spectrum bands, orbital slots, or orbits that do not coincide with the heritage environment. The respondent is being asked to determine if its alternative architectures fit within the application on file or what modifications to application must be made.

10. In TD Table 2; with regard to the kick-off meeting 15 days after award: is this a general meeting with all contractors present or a series of separate meetings with each contractor, and where is this to be held? Is this the same meeting as the Post-award Guidance Meeting referred to in 2.8? If not, where and when will this meeting be held?

This is the same meeting as the Post-award Guidance Meeting, and will be held with each successful Respondent, individually. Obviously, the logistics will be such that we will have to stage these meetings successively over a period of days. We intend to hold this meeting at the Government site. The specific location and time will be communicated at a later date.

Thank you for these questions.